

Certificate of Analysis

Reference Material

Product Name:	Carbonyl DNPH as Aldehyde/Ketone Mix 15		
Chemical Name:			
Chemical Structure:	N/A		
CAS Number:	N/A	Catalogue Number:	MCEM590918-AL
Molecular Formula:	N/A	Lot Number:	1230-RC-0120
Molecular Weight:	N/A	Report Number:	202112300045
Storage:	-20°C±5°C Protected from light and Sealed	Solvent:	Acetonitrile
Appearance:	Colourless Liquid		

NO	Component	CAS	Concentration(µg/mL)
1	Acetaldehyde-2,4-Dinitrophenylhydrazone	1019-57-4	15.1
2	Crotonaldehyde-2,4-Dinitrophenylhydrazone	1527-96-4	14.8
3	Acrolein 2,4-Dinitrophenylhydrazone	888-54-0	14.9
4	Acetone-2,4-Dinitrophenylhydrazone	1567-89-1	15.0
5	Butyraldehyde-2,4-Dinitrophenylhydrazone	1527-98-6	15.1
6	Formaldehyde-2,4-Dinitrophenylhydrazone	1081-15-8	14.9
7	Hexanal 2,4-Dinitrophenylhydrazone	1527-97-5	15.1
8	Propionaldehyde-2,4-Dinitrophenylhydrazone	725-00-8	14.9
9	m-Tolualdehyd-2,4-dinitrophenylhydrazone	2880-05-9	14.8
10	O-Tolualdehyde 2,4-Dinitrophenylhydrazone	1773-44-0	15.2
11	Pentanal-2,4-dinitrophenylhydrazone	2057-84-3	14.9
12	Benzaldehyd-2,4-dinitrophenylhydrazone	1157-84-2	14.7
13	p-Tolualdehyd-2,4-dinitrophenylhydrazone	2571-00-8	15.2
14	Isovaleraldehyd-2,4-dinitrophenylhydrazone	2256-01-1	15.2
15	2,5-Dimethylbenzaldehyd-2,4-dinitrophenylhydrazone	152477-96-8	15.2
Uncertainty:			±6.0%